

How to replace the front brake disc on FIAT PUNTO 188

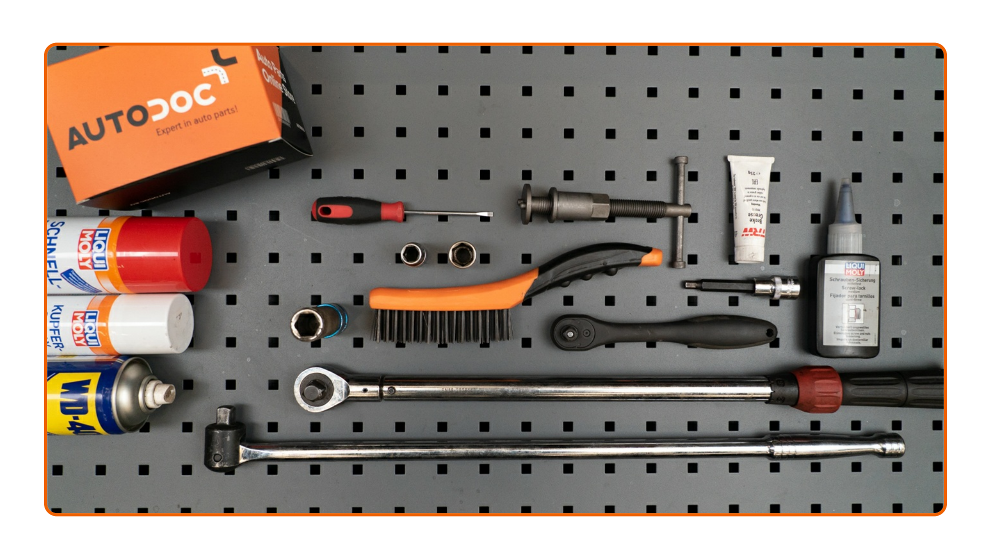
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT DOBLO Cargo (223_) 1.3 JTD 16V, FIAT DOBLO MPV (119_, 223_) 1.3 JTD 16V, FIAT PUNTO (188_) 1.3 JTD 16V, FIAT PUNTO Van (188_) 1.3 JTD

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



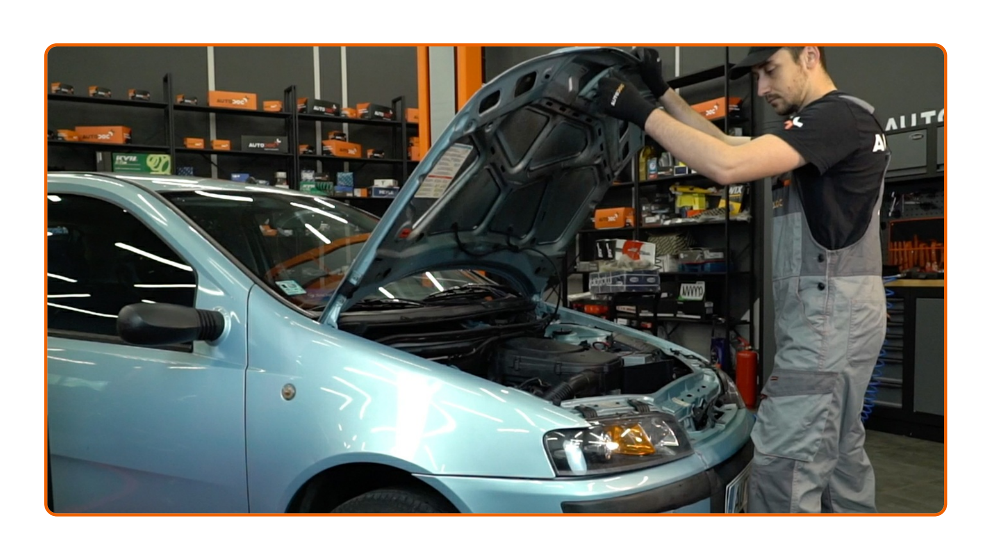
- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #10
- Drive socket # 10
- Drive socket # 12
- Drive socket # 17
- HEX bit No.H7.
- Wheel impact socket #17
- Torque wrench
- Brake caliper wind back tool
- Flat screwdriver
- Wheel chock

AUTODOC recommends:

- Replace the brake disks on the car FIAT PUNTO 188 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

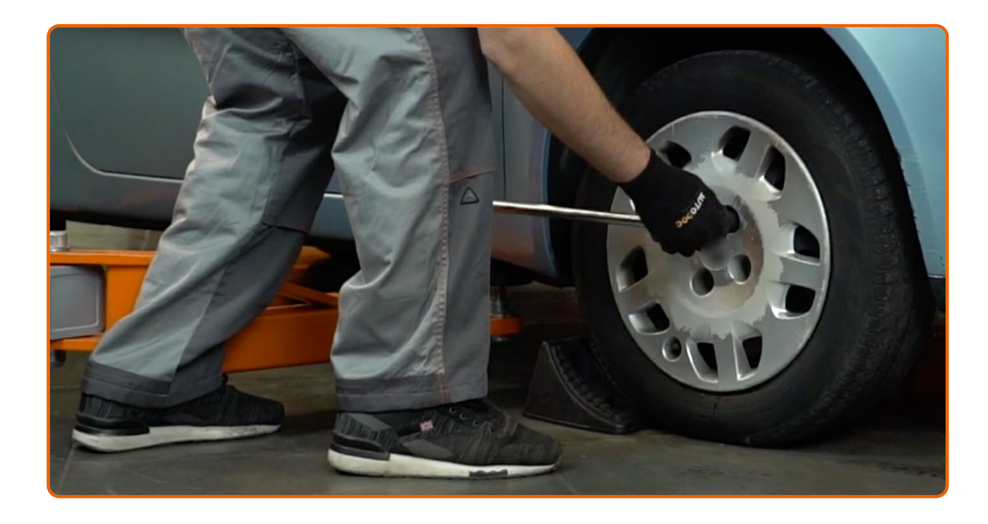


2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6.1



Remove the wheel.

6.2



Pull aside the brake caliper retaining spring. Use a flat screwdriver.

7

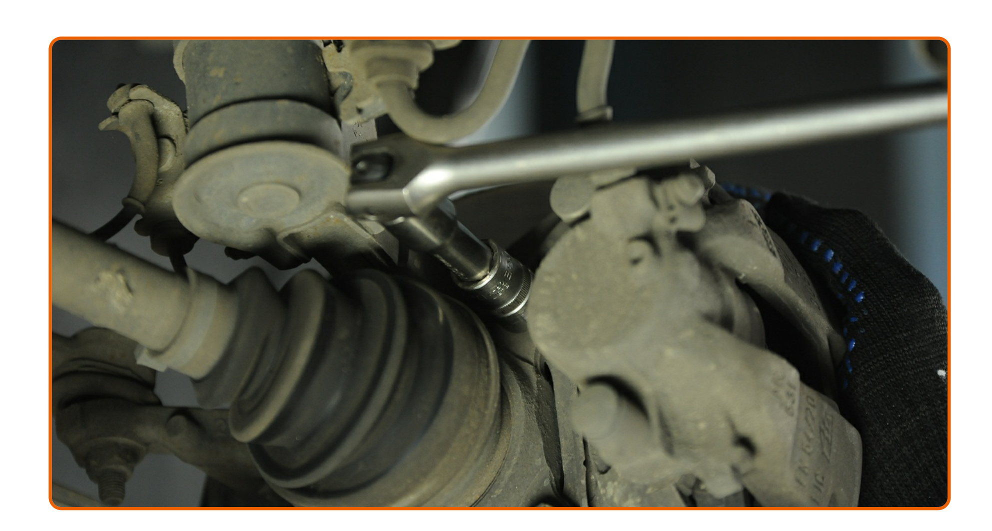
Remove the dust boot caps of the brake caliper guide pins. Use a flat screwdriver.

8.1



Unscrew the brake caliper fastening.

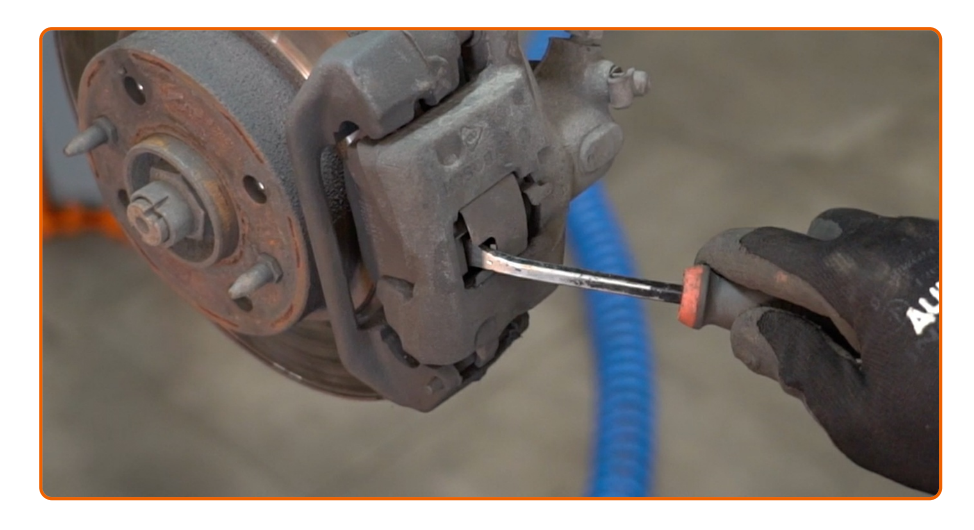
8.2



Use HEX No.H7.



9



Spread the brake pads. Use a crowbar.

10

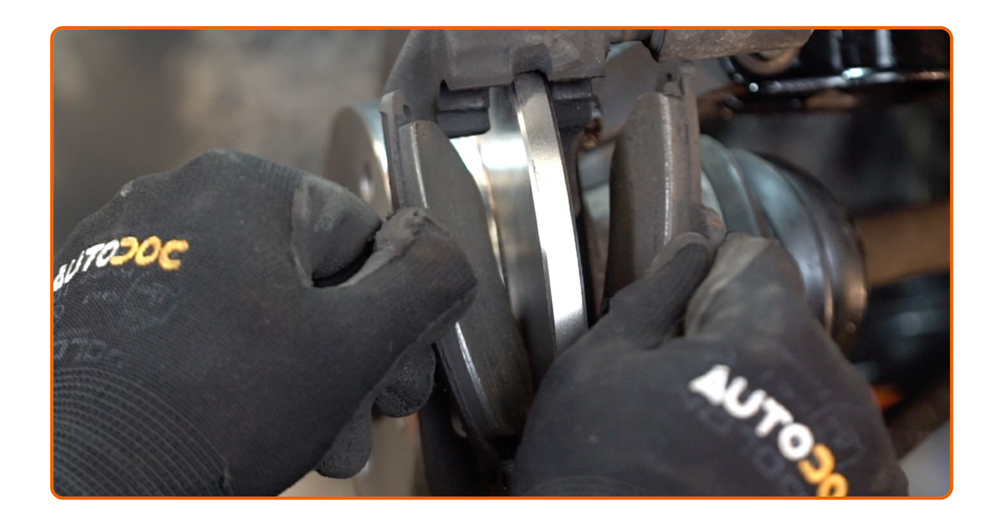


Remove the brake caliper.

AUTODOC recommends:

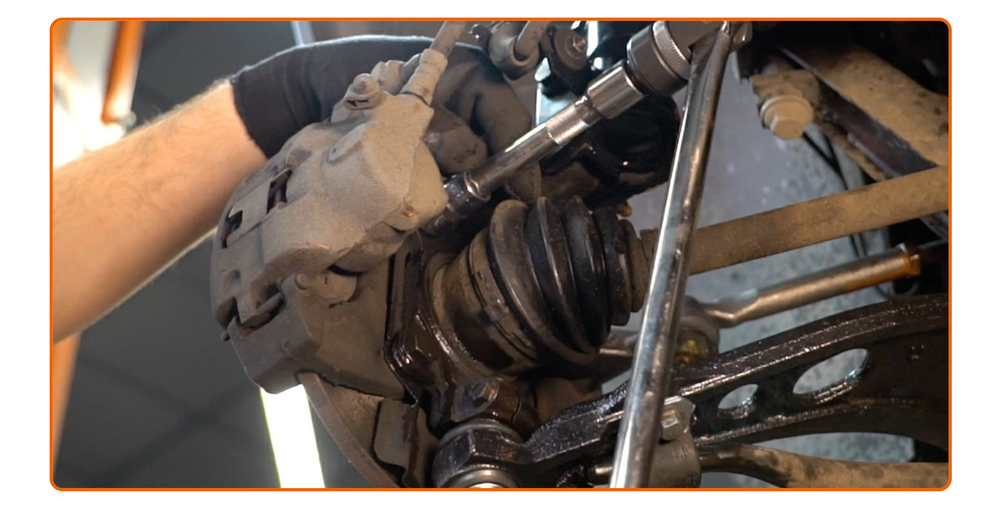
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

11



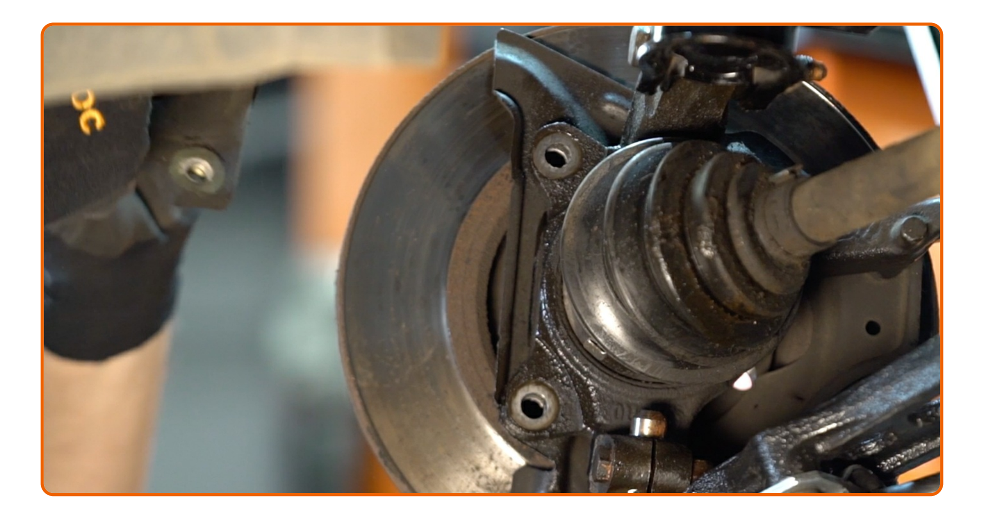
Remove the brake pads.

12



Unscrew the caliper bracket fastening. Use a combination spanner #10. Use a drive socket #10. Use a drive socket #17.

13



Remove the caliper bracket



14.1



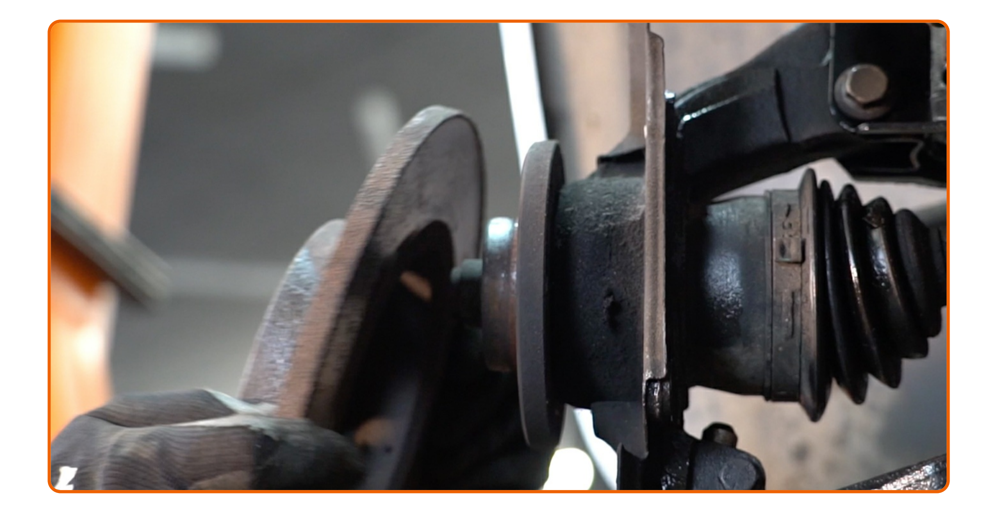
Unscrew the brake disc fastening

14.2



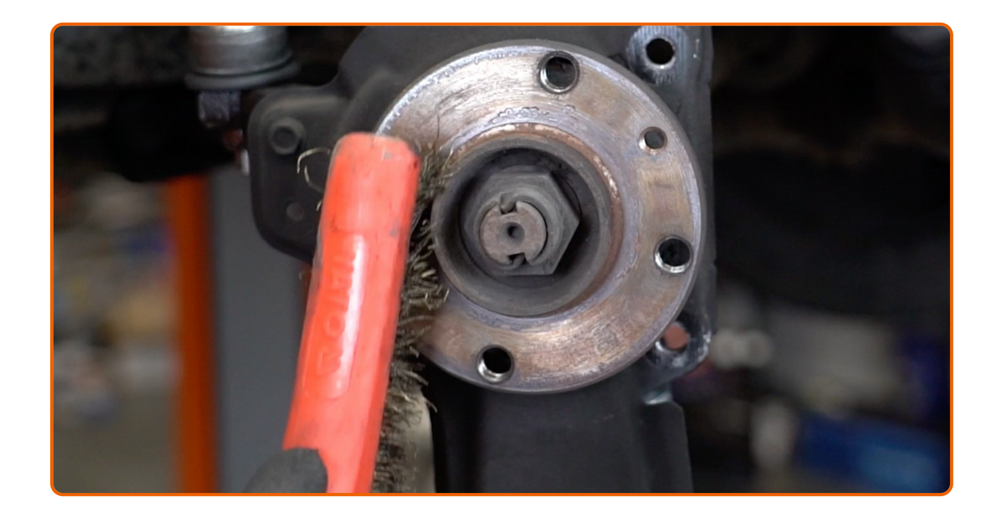
Use a drive socket #12.

15



Remove the brake disc.

16



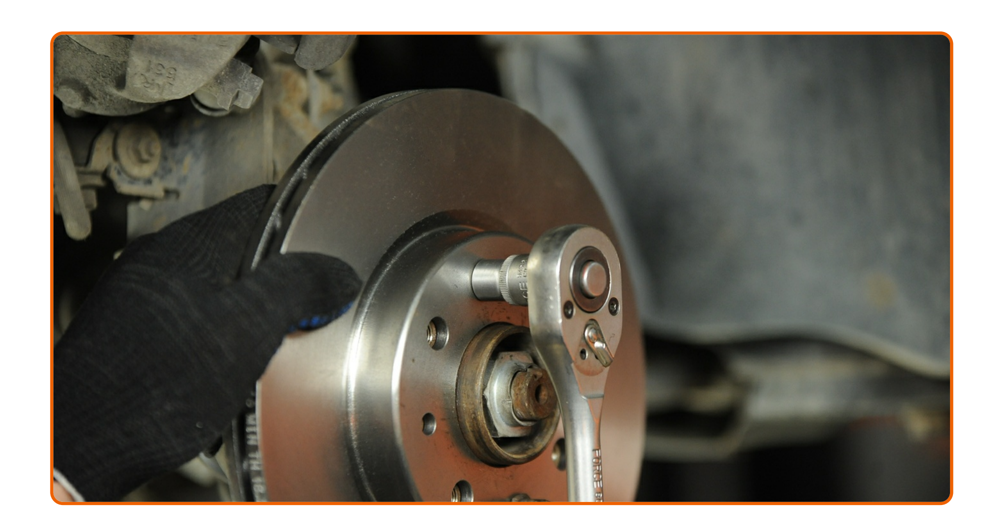
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

17



Install the brake disc.

18

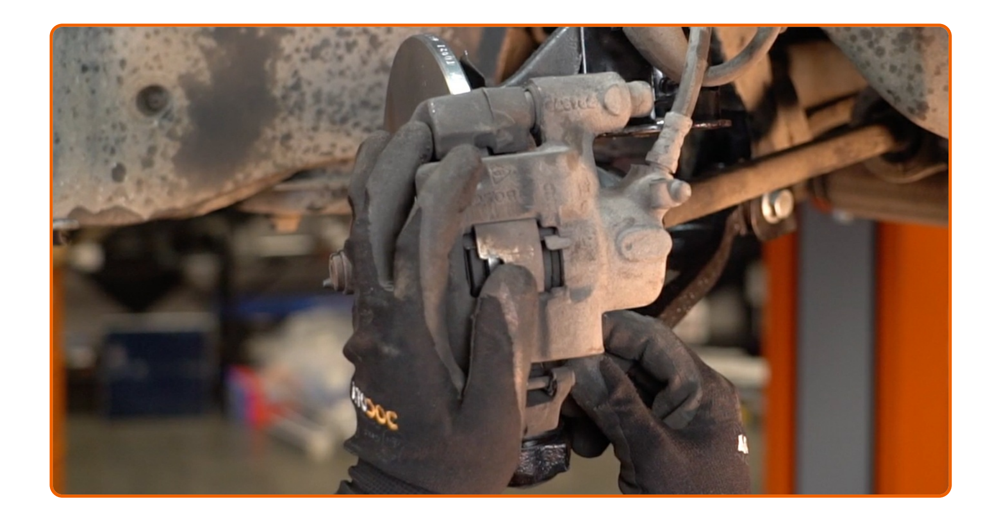


Tighten the brake disc fastening. Use a drive socket #12. Use a torque wrench. Tighten it to 9 Nm torque.

19

Clean the mounting seats of the caliper and its bracket. Use a wire brush.

20



Install the brake caliper bracket

21



Tighten the brake caliper bracket Use a combination spanner #10. Use a drive socket #10. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.

22



Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

23



Press in the brake caliper piston. Use brake caliper wind back tool.

24



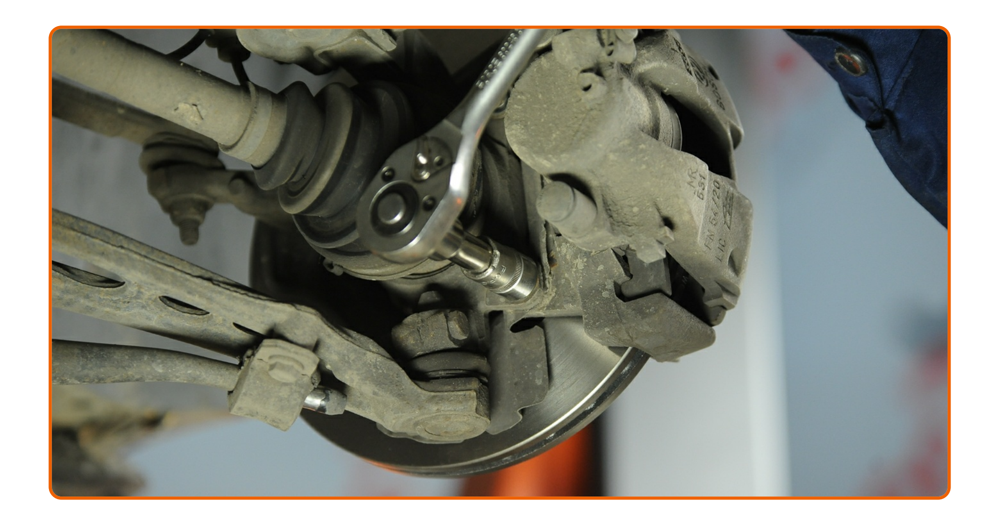
Install the brake pads.

25.1



Install the brake caliper and fix it.

25.2



Use HEX No.H7.

25.3

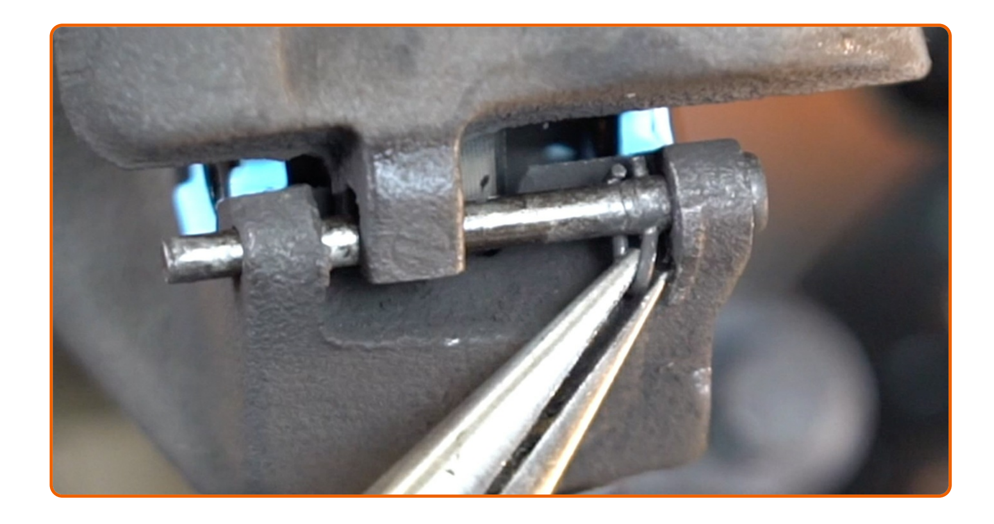


Use a torque wrench. Tighten it to 57 Nm torque.

26

Install the dust boot caps of the brake caliper guide pins.

27



Install the brake caliper retaining spring.

28



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

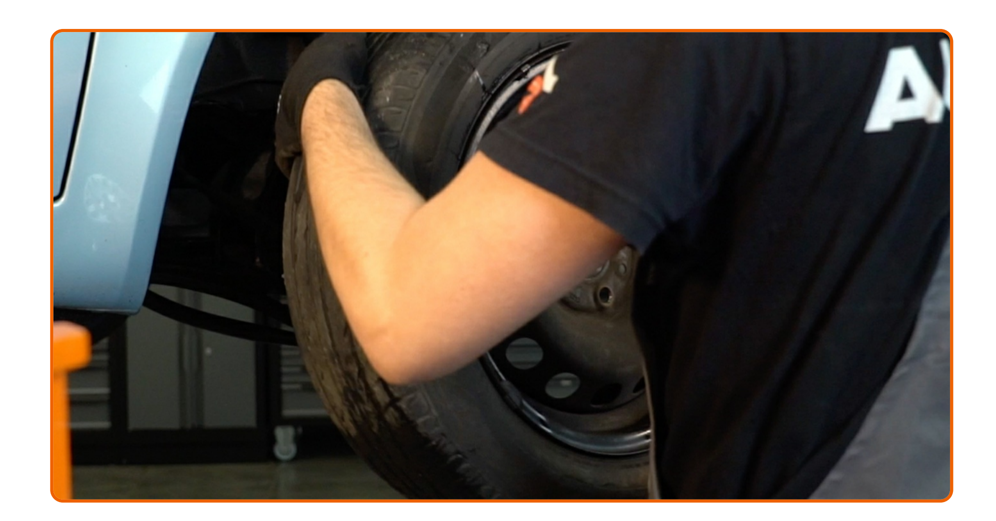
- After applying the spray, wait a few minutes.

29



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

30

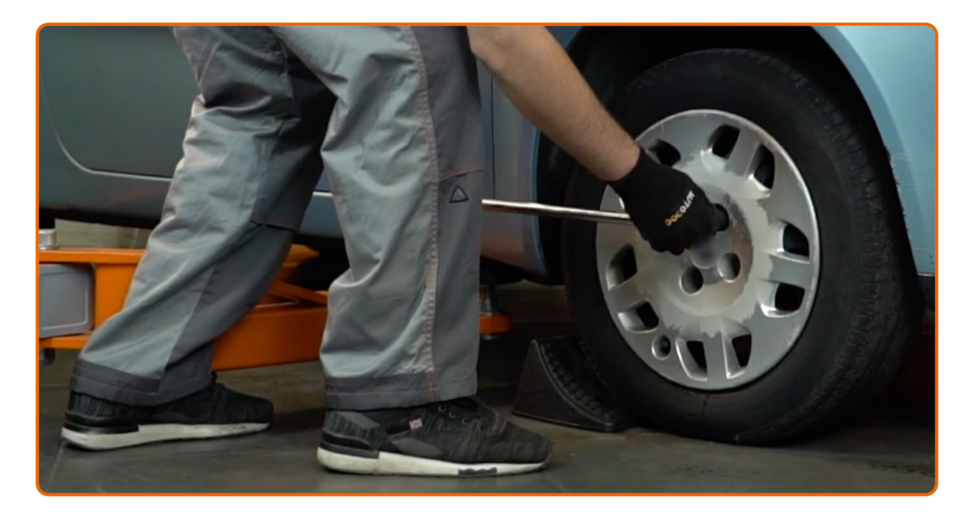


Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

31



Screw in the wheel bolts. Use wheel impact socket #17.

32



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

33



Tighten the brake fluid reservoir cap.

34



Close the hood.

35



Remove the jacks and chocks.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

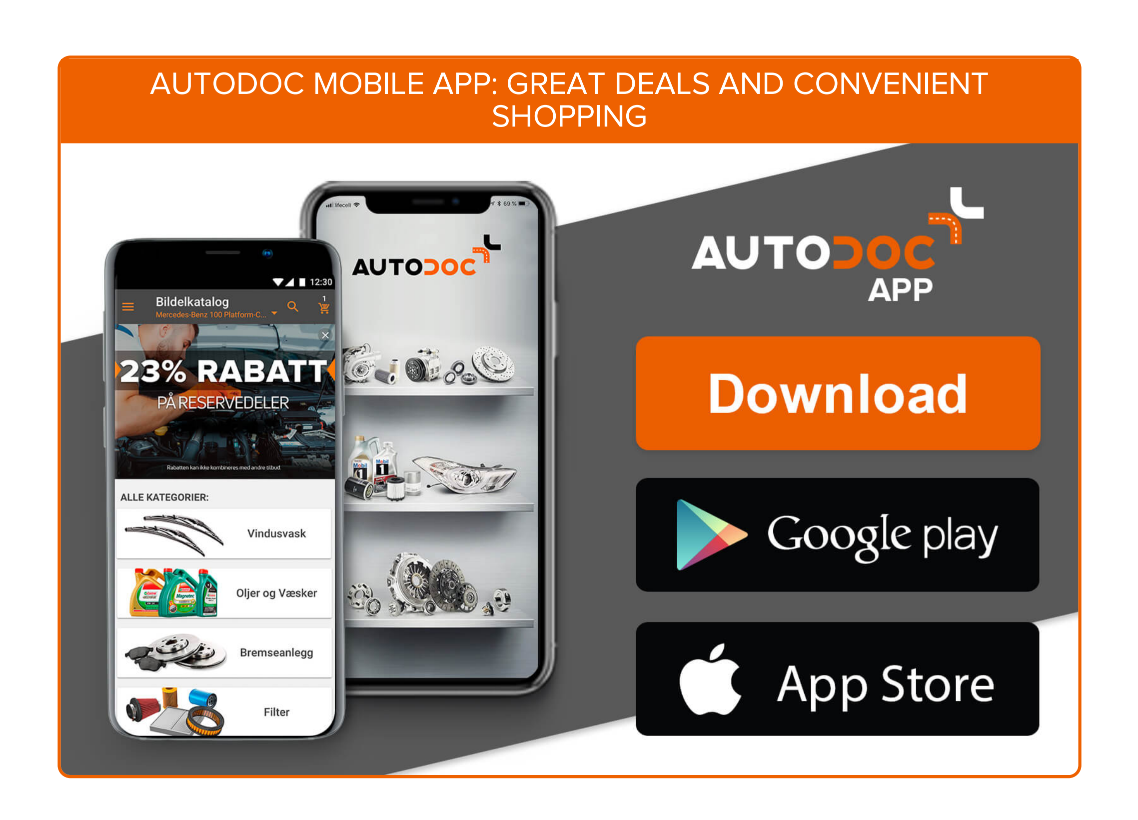


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